

12/18/01  
J1031 U.S. PTO

**UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)**  
*Only for new nonprovisional applications under 37 C.F.R. 1.53(b)*

Docket No.:  
**2877-USA**

Express Mail Label No.:  
**EL867783893US**

**TO THE ASSISTANT COMMISSIONER FOR PATENTS**  
**BOX PATENT APPLICATION**  
**Washington, D.C. 20231**

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**METHODS FOR SCREENING FOR ANTAGONISTS AND AGONISTS OF POLYPEPTIDES  
HAVING KINASE FUNCTIONS**

and invented by:

**G. Duke Virca, Timothy A. Bird, Dirk M. Anderson and John S. Marken**

If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:

☐ Continuation      ☒ Divisional      ☐ Continuation-in-part (CIP)

of prior application No.: 09/509,902

Enclosed are:

**Application Elements**

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification including claims and abstract (50 pages total)
3. ☐ Drawing(s); Number of Sheets \_\_\_\_\_
4. ☒ Oath or Declaration
  - a. ☐ Newly executed
  - b. ☒ Copy from a prior application (37 C.F.R. 1.63(d)) (for continuation/divisional application only) (09/509,902)
  - c. ☒ With Power of Attorney      ☐ Without Power of Attorney
  - d. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☒ Incorporation by Reference (usable if Box 4b is checked)  
The entire disclosure of the prior application from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ Computer Program in Microfiche (Appendix)
7. ☒ Nucleotide and/or Amino Acid Sequence Submission
  - a. ☒ Paper copy
    - ☐ Pages \_\_\_\_\_ - \_\_\_\_\_ of specification
    - ☒ Separately numbered pages 1 - 12
  - b. ☐ Computer Readable Copy
  - c. ☐ Statement Verifying Identical Paper and Computer Readable Copy
  - d. ☒ Statement under 37 C.F.R. 1.821(e) in lieu of Computer Readable Copy

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## Accompanying Application Parts

8. ☒ Assignment
- a. ☐ Executed original Assignment and Recordation Form enclosed
- b. ☒ Prior application (09/509,902) is assigned of record to Immunex Corporation  
(reel 010940 frame 0945)
9. ☒ 37 C.F.R. 3.73(B) Statement (*when there is an assignee*)
10. ☒ Remarks (12 pages)
11. ☒ Acknowledgment postcard
12. ☒ Certificate of Mailing by Express Mail (Label No.: EL867783893US)
13. ☐ Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
14. ☒ Additional Enclosures (*please identify below*):


Information Disclosure Statement; Form PTO-1449; Bibliographic Data Sheet (2 pages)

## Fee Calculation and Transmittal

| CLAIMS AS FILED (after any Preliminary Amendment submitted herewith)     |         |           |         |           |          |
|--|---------|-----------|---------|-----------|----------|
| For  | # Filed | # Allowed | # Extra | Rate      | Fee      |
| Total Claims   | 30      | - 20 =    | 10      | x \$18.00 | 180.00   |
| Indep. Claims  | 3       | - 3 =     | 0       | x \$84.00 | \$0.00   |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/> |         |           |         |           | \$0.00   |
| BASIC FEE  |         |           |         |           | \$740.00 |
| OTHER FEE ( <i>specify purpose</i> )                                     |         |           |         |           | \$0.00   |
| TOTAL FILING FEE   |         |           |         |           | \$920.00 |

- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 09-0089 as described below. A copy of this sheet is enclosed.
- ☒ Charge the amount of \$920 as a filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional fees required under 37 C.F.R. 1.16 and 1.17.

Correspondence address:

  
 Suzanne A. Sprunger, Reg. No. 41,323

Dated: December 18, 2001



22932

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

G. Duke Virca, Timothy A. Bird,  
Dirk M. Anderson, and John S. Marken

Docket No.: 2877-USA

Serial No.: -- to be assigned --

Prior Application

Serial No.: 09/509,902

Group Art Unit: 1652

Examiner: M. Rao

Filing Date: December 18, 2001

For: METHODS OF SCREENING FOR ANTAGONISTS AND AGONISTS OF  
POLYPEPTIDES HAVING KINASE FUNCTIONS



**STATEMENT UNDER 37 CFR 1.821(e)**

BOX PATENT APPLICATION

Assistant Commissioner for Patents

Washington, D.C. 20231

Dear Sir:

Applicants hereby state that no computer readable form of the Sequence Listing is necessary for this application because it would be identical to the computer readable form submitted for and with the following patent application:

Applicants: G. Duke Virca, Timothy A. Bird, Dirk M. Anderson and John S. Marken  
Serial No.: 09/509,902  
Filed: June 23, 2000  
Title: HUMAN cDNAs ENCODING POLYPEPTIDES HAVING KINASE  
FUNCTIONS

In the present application, Applicants request use of the computer readable compliant Sequence Listing already filed for application serial no. 09/509,902. The paper copy of the Sequence Listing of the present application is identical to the computer readable copy of the Sequence Listing filed on June 23, 2000, in application serial no. 09/509,902. No new matter has been added.

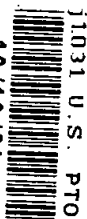
Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Suzanne A. Sprunger".

Suzanne A. Sprunger  
Registration No. 41,323

Immunex Corporation  
Law Department  
51 University Street  
Seattle, WA 98101  
Telephone (206) 587-0430

12/18/01



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of: Docket No.: 2877-USA  
G. Duke Virca, Timothy A. Bird, Dirk M. Anderson and John S. Marken

Serial No.: --not assigned--

Filing Date: December 18, 2001

For: METHODS OF SCREENING FOR ANTAGONISTS AND AGONISTS OF  
POLYPEPTIDES HAVING KINASE FUNCTIONS

CERTIFICATE OF MAILING BY EXPRESS MAIL

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

EXPRESS MAIL LABEL NUMBER: EL867783893US

I hereby certify that the following correspondence is enclosed and is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date listed below, and is addressed to BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C., 20231

Postcard  
Transmittal Letter (2 pages, plus copy)  
Remarks (12 pages)  
Specification, Claims and Abstract (50 pages)  
Paper copy of Sequence Listing (12 pages)  
Statement Under 37 C.F.R. § 1.821(e)  
Copy of Declaration of Inventors of 09/509,902  
Copy of Statement Under 37 CFR § 3.73(b) and Power of Attorney by Assignee  
and Copy of Assignment, of 09/509,902  
Information Disclosure Statement  
Form PTO-1449  
Bibliographic Data Sheet (2 pages)

Signed: Elizabeth M. McCarthy  
Elizabeth M. McCarthy

Date: December 18, 2001